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PATENT

GAUTVIK 3.0-001 FWC CIP CONT FWC DIV

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of :  
Gautvik et al. :  
Serial No. 08/340,664 : Group Art Unit: 1812  
Filed: November 16, 1994 : Examiner: L. Spector  
For: PRODUCTION OF HUMAN :  
PARATHYROID HORMONE FROM : Date: March 7, 1996  
MICROORGANISMS :  
X

Assistant Commissioner for Patents  
Washington, D.C. 20231

REPLY AND AMENDMENT

In complete response to the Official Action mailed  
September 8, 1995, please amend the application identified in  
the caption as follows:

IN THE CLAIMS

Please amend the claims as follows:

5 a' 1. (Amended) Essentially pure, ~~intact~~, recombinant  
hPTH.

Please cancel claims 2-5, 11, 13 and 15 without  
prejudice or disclaimer.

Please add the following claims:

B 21. The essentially pure, ~~intact~~, recombinant hPTH  
B of claim 1 wherein said hPTH possesses biological activity  
substantially equivalent to naturally occurring hPTH.  
a<sup>2</sup> B 22. The essentially pure, intact, recombinant hPTH  
of claim 1 wherein said hPTH exhibits a maximal response which  
is greater than that which can be achieved by synthetic hPTH.  
B 23. An essentially pure, ~~intact~~ hPTH obtained by  
expressing hPTH in a genetically engineered microorganism and  
purifying said hPTH.  
B 24. The essentially pure, ~~intact~~ hPTH of claim 23,  
wherein said hPTH possess biological activity essentially  
equivalent to naturally occurring hPTH.  
B 25. An essentially pure, ~~intact~~ hPTH of claim 23,  
wherein said genetically engineered microorganism is *E. coli*.

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U.S. Serial No.: 08/340,664

Filed: November 16, 1994

For: PRODCUTION OF HUMAN PARATHYROID  
HORMONE FROM MICROORGANISMS

Group Art Unit: 1812

Examiner: L. Spector

Dated: March 7, 1996

Assistant Commissioner For Patents  
Washington, D.C. 20231


Sir:

Transmitted herewith is an amendment in the above-identified application. The fee has been calculated as shown below.

CLAIMS AS AMENDED									
	(1)			(2)			(3)		
	CLAIMS REMAINING AFTER AMNDT.			HIGHEST NO. PREVIOUSLY PAID FOR			PRESENT EXTRA		ADD'L FEE
TOTAL CLAIMS	*	21	MINUS **	20	=	1	x	\$ 22	= \$ 22.00
INDEP. CLAIMS	*	8	MINUS ***	9	=	0	x	\$ 78	= \$ 0.00
FEE FOR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM(S)								\$250 = \$ <u>0.00</u>	
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT.....								\$ <u>22.00</u>	
* If the entry in col. 1 is less than entry in col. 2, write "0" in col. 3.									
** If the entry in col. 2 is less than 20, write "20" in col. 2.									
*** If the entry in col. 2 is less than 3, write "3" in col. 2.									

- ( ) No additional fee is required.
- (X) A check in the amount of \$22.00 is attached.
- ( ) Charge \$\_\_\_\_\_ to Deposit Account No. 12-1095. A duplicate copy of this sheet is enclosed.
- (X) Please charge any additional fees or credit overpayment to Deposit Account No. 12-1095. A duplicate copy of this sheet is enclosed.

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